

NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division
Washington, D.C. 20594

December 12, 2017

Global Positioning System Device

Specialist's Factual Report

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1. EVENT

Location: Marlboro, New Jersey
Date: August 13, 2016
Aircraft/ID: Luscombe 8A
Registration: N71497
Operator: Private
NTSB Number: ERA16LA291

2. EVENT SUMMARY

On August 13, 2016, about 1203 eastern daylight time, a Luscombe 8A, N71497, was substantially damaged during a forced landing in an open field near Marlboro, New Jersey. The private pilot sustained serious injuries. The airplane was registered to and operated by a private individual under the provisions of 14 *Code of Federal Regulations* Part 91 as a personal flight. Visual meteorological conditions prevailed at the time and no flight plan was filed. The local flight originated about 1 hour 30 minutes earlier from Old Bridge Airport (3N6), Old Bridge, New Jersey.

3. DETAILS OF DEVICE INVESTIGATION

The National Transportation Safety Board's (NTSB) Vehicle Recorder Division received the following device:

Device: Bendix/King KLX 100
Device Serial Number: P1184

Figures 1 and 2 show the condition of the device as it arrived in the laboratory. The device exhibited minor damage due to impact forces. The device was examined using laboratory hardware and software.

3.1. Device Description

The Bendix/King KLX 100 is a handheld combination Global Positioning System (GPS) and radio communication device. The device has an LCD display to show GPS and radio information. The device includes an 8-channel GPS receiver, a 760-channel VHF aviation band radio, and a 10-channel weather receiver.

3.2. Data Description

A review of the device's documentation did not indicate any way to download data from the device. A manual inspection of the device did not reveal any accident-related data stored.



Figure 1. Photo of Bendix/King KLX 100 (Front)



Figure 2. Photo of Bendix/King KLX 100 (Back)